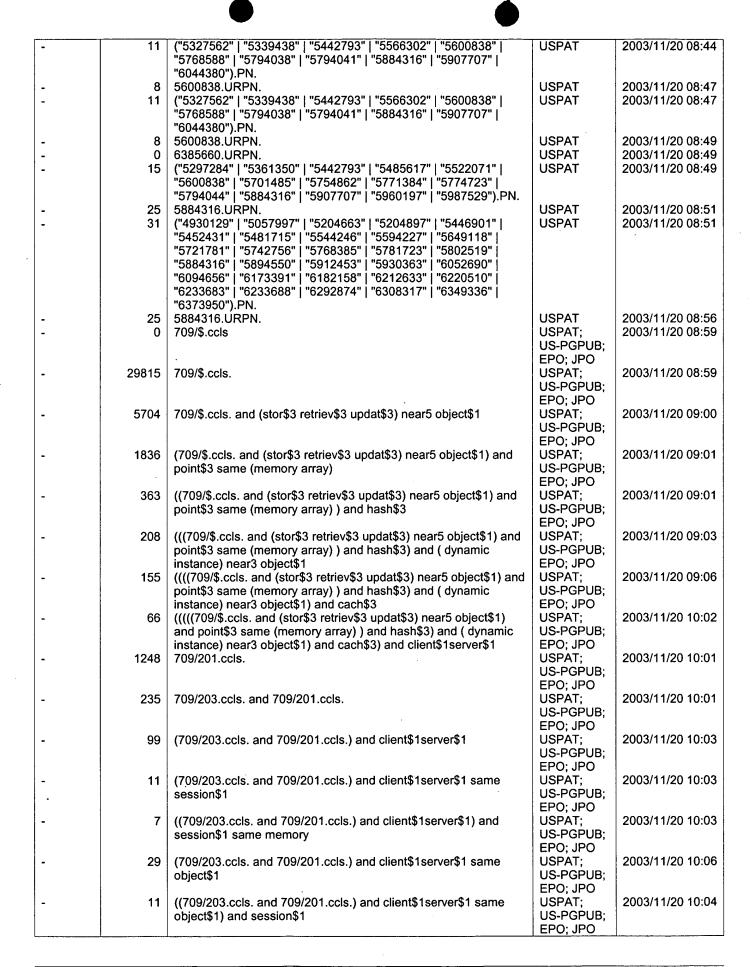
L Number	Hits	Search Text	DB	Time stamp
1	6	(("5870753") or ("6629154") or ("6014733") or ("6438616") or	ŲSPAT;	2003/11/26 08:11
		("6519652") or ("6182107")).PN.	ÚS-PGPUB;	
			EPO; JPO	
-	1	("6604182").PN.	USPAT;	2003/11/20 07:59
			US-PGPUB;	
-			EPO; JPO	
-	4	(("6604182") or ("6564223") or ("6401185") or ("6434685")).PN.	USPAT;	2003/11/19 10:43
]		· · · · · · · · · · · · · · · · · · ·	US-PGPUB;	
1			EPO; JPO	
-	5	(("6604182") or ("6564223") or ("6401185") or ("6434685") or	USPAT;	2003/11/19 14:56
}		("6457019")).PN.	US-PGPUB;	
			EPO; JPO	
-	84615	(stor\$3 retriev\$3 updat\$3) near5 object\$1	USPAT;	2003/11/20 08:16
			US-PGPUB;	
			EPO; JPO	
-	4220	((stor\$3 retriev\$3 updat\$3) near5 object\$1) and point\$3 same (	USPAT;	2003/11/19 14:59
		allocat\$4 deallocat\$4 referenc\$3 dereferenc\$3) same memory	US-PGPUB;	
			EPO; JPO	
-	2280	(((stor\$3 retriev\$3 updat\$3) near5 object\$1) and point\$3 same (	USPAT;	2003/11/19 14:59
j		allocat\$4 deallocat\$4 referenc\$3 dereferenc\$3) same memory)	US-PGPUB;	
. [		and array	EPO; JPO	
-	1473	((((stor\$3 retriev\$3 updat\$3) near5 object\$1) and point\$3 same (	USPAT;	2003/11/19 14:59
		allocat\$4 deallocat\$4 referenc\$3 dereferenc\$3) same memory)	US-PGPUB;	•
İ		and array) and instance\$1	EPO; JPO	
-	1227	(((((stor\$3 retriev\$3 updat\$3) near5 object\$1) and point\$3 same (	USPAT;	2003/11/19 15:00
		allocat\$4 deallocat\$4 referenc\$3 dereferenc\$3) same memory)	US-PGPUB;	
İ		and array) and instance\$1) and (bit\$1 byte\$1)	EPO; JPO	
-	800	((((((stor\$3 retriev\$3 updat\$3) near5 object\$1) and point\$3 same	USPAT;	2003/11/19 15:00
		( allocat\$4 deallocat\$4 referenc\$3 dereferenc\$3) same memory)	US-PGPUB;	
		and array) and instance\$1) and (bit\$1 byte\$1)) and class\$2	EPO; JPO	
-	314	(((((((stor\$3 retriev\$3 updat\$3) near5 object\$1) and point\$3 same	USPAT;	2003/11/19 15:00
		( allocat\$4 deallocat\$4 referenc\$3 dereferenc\$3) same memory)	US-PGPUB;	
1		and array) and instance\$1) and (bit\$1 byte\$1)) and class\$2) and	EPO; JPO	
]		hash\$3		0000/44/15 15 5 1
-	201	((((((((stor\$3 retriev\$3 updat\$3) near5 object\$1) and point\$3	USPAT;	2003/11/19 15:01
		same ( allocat\$4 deallocat\$4 referenc\$3 dereferenc\$3) same	US-PGPUB;	
		memory) and array) and instance\$1) and (bit\$1 byte\$1)) and	EPO; JPO	
		class\$2) and hash\$3) and (activat\$3)	LICOAT	0000/44/40 45:04
	179	((((((((stor\$3 retriev\$3 updat\$3) near5 object\$1) and point\$3	USPAT;	2003/11/19 15:01
		same ( allocat\$4 deallocat\$4 referenc\$3 dereferenc\$3) same	US-PGPUB;	
		memory) and array) and instance\$1) and (bit\$1 byte\$1)) and	EPO; JPO	
	404	class\$2) and hash\$3) and (activat\$3)) and dynamic	HODAT.	2002/44/20 00:00
-	181	(((((((((stor\$3 retriev\$3 updat\$3) near5 object\$1) and point\$3	USPAT; US-PGPUB;	2003/11/20 09:00
		same ( allocat\$4 deallocat\$4 referenc\$3 dereferenc\$3) same	EPO; JPO	
		memory) and array) and instance\$1) and (bit\$1 byte\$1)) and class\$2) and hash\$3) and (activat\$3)) and (dynamic DLL)	EFU, JPU	•
	29711	class\$2) and nasn\$3) and (activat\$3)) and (dynamic DLL)   709/\$.ccls.	USPAT:	2003/11/19 15:01
-	29/11	1 0014.0015.	US-PGPUB;	2000/11/13 10:01
			EPO; JPO	,
_	51	((((((((((((((((((((((((((((((((((((((	USPAT:	2003/11/19 15:02
-	51	same ( allocat\$4 deallocat\$4 referenc\$3 dereferenc\$3) same	US-PGPUB;	
		memory) and array) and instance\$1) and (bit\$1 byte\$1)) and	EPO; JPO	
		class\$2) and hash\$3) and (activat\$3)) and (dynamic DLL)) and		
		709/\$.ccls.		
_	3815	709/203.ccls.	USPAT;	2003/11/20 10:00
	30.13	7.55.255.50101	US-PGPUB;	
			EPO; JPO	
_ 1	74	709/311.ccls.	USPAT;	2003/11/20 08:00
<b>*.</b>			US-PGPUB;	
			EPO; JPO	
_	74	709/311.ccls.	USPAT;	2003/11/20 08:01
			US-PGPUB;	
			EPO; JPO	
		f .		i
_	99	709/312.ccls.	USPAT:	2003/11/20 08:01
-	99	709/312.ccls.	USPAT; US-PGPUB;	2003/11/20 08:01

USPAT; USPAT;					
Comparison	-	315	709/313.ccls.	US-PGPUB;	2003/11/20 08:01
. 84 709/332.ccls. 9709/311.ccls. 709/311.ccls. 709/312.ccls. 1987AT; US-PGPUB; EPO; JPO 1970/313.ccls. 1997AT; US-PGPUB; EPO; JPO 1970/313.ccls. 1997AT; US-PGPUB; EPO; JPO 1970/313.ccls. 709/313.ccls. 709/311.ccls. 709/311.ccls. 709/312.ccls. 1987AT; US-PGPUB; EPO; JPO 1970/313.ccls. 709/315.ccls. 709/312.ccls. 1987AT; US-PGPUB; EPO; JPO 1970/313.ccls. 709/313.ccls. 709/312.ccls. 1987AT; US-PGPUB; EPO; JPO 1970/313.ccls. 709/313.ccls. 709/313.ccls. 709/312.ccls. 1987AT; US-PGPUB; EPO; JPO 1970/31.ccls. 709/312.ccls. 709/313.ccls.	-	627	709/315.ccls.	USPAT; US-PGPUB;	2003/11/20 08:01
. 84 709/332 ccls. 709/203.ccls. and (709/311.ccls. 709/312.ccls. 709/312.ccls. 709/313.ccls.) 99 709/203.ccls. and (709/311.ccls. 709/311.ccls. 709/312.ccls. 709/313.ccls. 709/315.ccls. 709/312.ccls. 709/313.ccls. 709/315.ccls. 709/311.ccls. 709/312.ccls. 709/313.ccls. 709/315.ccls. 709/315.ccls. 709/312.ccls. 709/312.ccls. 709/313.ccls. 709/315.ccls. 709/315.ccls. 709/312.ccls. 900/310.ccls. 709/315.ccls. 709/312.ccls. 900/310.ccls. 709/315.ccls. 709/312.ccls. 900/310.ccls. 709/315.ccls. 709/315.ccls. 709/312.ccls. 900/310.ccls. 709/315.ccls. 709/315.ccls. 900/310.ccls. 900/310.ccl	-	258	709/316.ccls.	USPAT; US-PGPUB;	2003/11/20 08:01
. 32 709/203.ccls. and (709/311.ccls. 709/312.ccls. 709/313.ccls.) 709/313.ccls.) 709/313.ccls. 709/	-	84	709/332.ccls.	USPAT; US-PGPUB;	2003/11/20 08:01
9 709/203.ccls. and (709/311.ccls. 709/312.ccls. 709/313.ccls. 709/313.ccls. 709/315.ccls. 709/315.ccls. 709/313.ccls. 709/313.ccls. 709/315.ccls. 709/313.ccls. 709/315.ccls. 709/313.ccls. 709/315.ccls. 709/315.ccls. 709/312.ccls. 709/313.ccls. 709/315.ccls. 709/315.ccls. 709/313.ccls. 709/313.ccls. 709/315.ccls. 709/313.ccls. 709/313.ccls. 709/315.ccls. 709/313.ccls. 709/313.ccls. 709/315.ccls. 709/315.ccls. 709/312.ccls. 709/313.ccls. 709/315.ccls. 709/315.ccls. 709/312.ccls. 709/313.ccls. 709/315.ccls. 709/315.ccls. 709/315.ccls. 709/315.ccls. 709/315.ccls. 709/313.ccls. 709/315.ccls. 709/315.ccls. 709/312.ccls. 709/313.ccls. 709/315.ccls. 709/315.c	-	32		USPAT; US-PGPUB;	2003/11/20 08:03
83   7(79)/203.ccls. and 7(79)/311.ccls. 709/312.ccls. ) and (array\$1 cach\$3 point\$3)   (709)/313.ccls. 709/313.ccls. 709/314.ccls. 709/314.ccls. 709/312.ccls. ) and (array\$1 cach\$3 point\$3) and memory) and dynamic   EPO, JPO USPAT, 709/313.ccls. 709/315.ccls. 709/314.ccls. 709/312.ccls. ) and (array\$1 cach\$3 point\$3)) and memory) and dynamic   EPO, JPO USPAT, 109/313.ccls. 709/315.ccls. 709/314.ccls. 709/312.ccls.   USPAT   USP	-	99	709/203.ccls. and (709/311.ccls. 709/311.ccls. 709/312.ccls. 709/313.ccls. 709/315.ccls. 709/316.ccls. 709/332.ccls. )	USPAT; US-PGPUB;	2003/11/20 08:04
77	-	83	709/313.ccls. 709/315.ccls. 709/316.ccls. 709/332.ccls. )) and	USPAT; US-PGPUB;	2003/11/20 08:04
38	-	71	((709/203.ccls. and (709/311.ccls. 709/311.ccls. 709/312.ccls. 709/313.ccls. 709/315.ccls. 709/316.ccls. 709/332.ccls. )) and	USPAT; US-PGPUB;	2003/11/20 08:05
6 ((((709/203.ccls. and (709/311.ccls. 709/312.ccls.)) and (array\$1 cach\$3 point\$3)) and memory) and dynamic) and hash\$3  6 ("6141686"   "6279001"   "6314463"   "6317786"   "6330677"   "6453320").PN.  1 6330677.URPN.  1 6453320").PN.  2 1 6453320").PN.  2 1 6453320").PN.  3 ("6141686"   "6279001"   "6314463"   "6317786"   "6330677"   "0453320").PN.  4 6330677.URPN.  5 ("6141686"   "6279001"   "6314463"   "6317786"   "6330677"   "0453320").PN.  6 ("6141686"   "6279001"   "6314463"   "6317786"   "6330677"   "0453320").PN.  7 ("6141686"   "6279001"   "6314463"   "6317786"   "6330677"   "0453320").PN.  8 48816 ("6141686"   "6279001"   "6314463"   "6317786"   "6330677"   "0453320").PN.  7 ("709/203.ccls. and (709/311.ccls. 709/311.ccls. 709/312.ccls. 709/313.ccls. 709/315.ccls. 709/313.ccls. 709/312.ccls. 709/313.ccls. 709/315.ccls. 709/313.ccls. 709/312.ccls. 709/313.ccls. 70	-	38	(((709/203.ccls. and (709/311.ccls. 709/311.ccls. 709/312.ccls. 709/313.ccls. 709/315.ccls. 709/316.ccls. 709/332.ccls. )) and	USPAT; US-PGPUB;	2003/11/20 08:05
6 ("6414686"   "6279001"   "6314463"   "6317786"   "6330677"   USPAT 2003/11/20 08:10 "6453320").PN.  4 6330677.URPN.  5 ("6141686"   "6279001"   "6314463"   "6317786"   "6330677"   USPAT 2003/11/20 08:15 "6453320").PN.  6 ("6453320.URPN.  6 ("614686"   "6279001"   "6314463"   "6317786"   "6330677"   USPAT 2003/11/20 08:15 "6453320.URPN.  7 ("614686"   "6279001"   "6314463"   "6317786"   "6330677"   USPAT 2003/11/20 08:15 "6453320").PN.  8 4816 (709/203.ccls. and (709/311.ccls. 709/312.ccls. 709/312.ccls. 709/313.ccls. 709/315.ccls. 709/312.ccls. 709/312.ccls. 709/313.ccls. 709/315.ccls. 709/312.ccls. 709/312.ccls. 709/313.ccls. 709/315.ccls. 709/311.ccls. 709/312.ccls. 10SPAT; USPAT 2003/11/20 08:17 USPAT;	-	6	((((709/203.ccls. and (709/311.ccls. 709/311.ccls. 709/312.ccls. 709/313.ccls. 709/315.ccls. 709/316.ccls. 709/332.ccls. )) and (array\$1 cach\$3 point\$3)) and memory) and dynamic) and	USPAT; US-PGPUB;	2003/11/20 08:06
-	-	6	("6141686"   "6279001"   "6314463"   "6317786"   "6330677"	USPAT	2003/11/20 08:10
- 1 6 ("6141686"   "6279001"   "6314463"   "6317786"   "6330677"   USPAT 2003/11/20 08:15 "6453320").PN 84816 (709/203.ccls. and (709/311.ccls. 709/312.ccls. 709/313.ccls. 709/315.ccls. 709/315.ccls. 709/315.ccls. ) (stor\$3 retriev\$3 updat\$3) near5 object\$1 (709/203.ccls. and (709/311.ccls. 709/311.ccls. 709/312.ccls. 709/313.ccls. 709/315.ccls. 709/315.ccls. 709/312.ccls. ) (uSPAT: USPAT:	-	1	6330677.URPN. ("6141686"   "6279001"   "6314463"   "6317786"   "6330677"		
- 84816 (709/203.ccls. and (709/311.ccls. 709/312.ccls. 709/313.ccls. 709/315.ccls. 709/313.ccls. 709/315.ccls. 709/315.ccls. 709/315.ccls. 709/316.ccls. 709/312.ccls. 709/313.ccls. 709/313.ccls. 709/316.ccls. 709/312.ccls. 709/313.ccls. 709/315.ccls. 709/316.ccls. 709/312.ccls. 709/313.ccls. 709/315.ccls. 709/311.ccls. 709/312.ccls. 709/313.ccls. 709/315.ccls. 709/311.ccls. 709/312.ccls. 709/313.ccls. 709/315.ccls. 709/311.ccls. 709/312.ccls. 709/313.ccls. 709/315.ccls. 709/316.ccls. 709/312.ccls. 709/313.ccls. 709/315.ccls. 709/316.ccls. 709/312.ccls. 709/313.ccls. 709/315.ccls. 709/316.ccls. 709/312.ccls. 709/313.ccls. 709/315.ccls. 709/316.ccls. 709/322.ccls. )) and (stor\$3 retriev\$3 updat\$3) near5 object\$1) and (memory array) same (dynamic DLL)  -	- ,	i .	6453320.URPN. ("6141686"   "6279001"   "6314463"   "6317786"   "6330677"		
709/313.ccls. 709/315.ccls. 709/316.ccls. 709/332.ccls. )) and (stor\$3 retriev\$3 updat\$3) near5 object\$1  (709/203.ccls. and (709/311.ccls. 709/312.ccls. 709/313.ccls. 709/313.ccls. 709/315.ccls. 709/313.ccls. )) and (stor\$3 retriev\$3 updat\$3) near5 object\$1) and (memory array) same (dynamic DLL)  ((709/203.ccls. and (709/311.ccls. 709/312.ccls. 709/313.ccls. 709/315.ccls. 709/315.ccls. 709/312.ccls. )) and (stor\$3 retriev\$3 updat\$3) near5 object\$1) and (memory sarrey) same (dynamic DLL)  ((709/203.ccls. and (709/311.ccls. 709/312.ccls. )) and (stor\$3 retriev\$3 updat\$3) near5 object\$1) and (memory same (bit\$1 byte\$1))  ((709/203.ccls. and (709/311.ccls. 709/312.ccls. )) and (stor\$3 retriev\$3 updat\$3) near5 object\$1) and (memory same (bit\$1 byte\$1))  ((709/203.ccls. 709/315.ccls. 709/311.ccls. 709/312.ccls. )) and (stor\$3 retriev\$3 updat\$3) near5 object\$1) and hash\$3  (stor\$3 retriev\$3 updat\$3) near5 object\$1) and hash\$3  ("4752928"   "5093914"   "5125091"   "5151987"   "5168441"   "5179702"   "5212793"   "5315703"   "5442791"   "5549837"   "55485617"   "5524238"   "5752038"   "577521"   "5579520"   "5687370"   "5687370"   "5884236"   "598804"   "59580010"   "6014666"   "6026428"   "6105147"   "6134594").PN.  255	-	84816	(709/203.ccls. and (709/311.ccls. 709/311.ccls. 709/312.ccls. 709/313.ccls. 709/315.ccls. 709/316.ccls. 709/332.ccls. )) (stor\$3	US-PGPUB;	2003/11/20 08:17
709/313.ccls. 709/315.ccls. 709/316.ccls. 709/332.ccls. )) and (stor\$3 retriev\$3 updat\$3) near5 object\$1) and (memory array) same (dynamic DLL) ((709/203.ccls. and (709/311.ccls. 709/312.ccls. 709/312.ccls. 709/313.ccls. 709/315.ccls. 709/316.ccls. 709/332.ccls. )) and (stor\$3 retriev\$3 updat\$3) near5 object\$1) and (memory same (bit\$1 byte\$1)) ((709/203.ccls. and (709/311.ccls. 709/312.ccls. 709/312.ccls. 709/313.ccls. 709/315.ccls. 709/316.ccls. 709/332.ccls. )) and (stor\$3 retriev\$3 updat\$3) near5 object\$1) and (memory same (bit\$1 byte\$1)) ((709/203.ccls. and (709/311.ccls. 709/312.ccls. 709/312.ccls. 709/313.ccls. 709/315.ccls. 709/315.ccls. 709/332.ccls. )) and (stor\$3 retriev\$3 updat\$3) near5 object\$1) and hash\$3 (vs-pgpu8; EPO; JPO ("4752928"   "5093914"   "5125091"   "5151987"   "51684441"   "5179702"   "5212793"   "5315703"   "5442791"   "5459837"   "5485617"   "5524238"   "5574918"   "5577251"   "5579520"   "5687370"   "5689708"   "5752038"   "5765174"   "5790789"   "5802291"   "5838916"   "6105147"   "6134594").PN.  225   \$884316.URPN.	-	57	(709/203.ccls. and (709/311.ccls. 709/311.ccls. 709/312.ccls. 709/313.ccls. 709/315.ccls. 709/316.ccls. 709/332.ccls. )) and	US-PGPUB;	2003/11/20 09:00
- 4 ((709/203.ccls. and (709/311.ccls. 709/312.ccls. 709/312.ccls. 709/313.ccls. 709/315.ccls. 709/316.ccls. 709/332.ccls.)) and (stor\$3 retriev\$3 updat\$3) near5 object\$1) and (memory same (bit\$1 byte\$1))  - 7 ((709/203.ccls. and (709/311.ccls. 709/311.ccls. 709/312.ccls. 709/313.ccls. 709/315.ccls. 709/316.ccls. 709/332.ccls.)) and (stor\$3 retriev\$3 updat\$3) near5 object\$1) and hash\$3  - 33 ("4752928"   "5093914"   "5125091"   "5151987"   "5168441"   "5179702"   "5212793"   "5315703"   "5442791"   "5459837"   "5485617"   "5524238"   "5574918"   "5577251"   "5579520"   "5687370"   "5689708"   "5752038"   "5765174"   "5790789"   "5907675"   "5941947"   "5958804"   "5958010"   "6014666"   "6026428"   "6105147"   "6134594").PN.  - 25 5884316.URPN.  - 7 ("4660142"   "5446901"   "5615362"   "5765174"   "5802367"   USPAT 2003/11/20 08:36 2003/11/20 08:41	-	8	709/313.ccls. 709/315.ccls. 709/316.ccls. 709/332.ccls. )) and (stor\$3 retriev\$3 updat\$3) near5 object\$1) and (memory array)	US-PGPUB;	2003/11/20 08:23
- 7 ((709/2ó3.ccls. and (709/311.ccls. 709/312.ccls. 709/312.ccls. 709/313.ccls. 709/313.ccls. 709/315.ccls. 709/316.ccls. 709/332.ccls.)) and (stor\$3 retriev\$3 updat\$3) near5 object\$1) and hash\$3 - 33 ("4752928"   "5093914"   "5125091"   "5151987"   "5168441"   "5179702"   "5212793"   "5315703"   "5442791"   "5459837"   "5485617"   "5524238"   "5574918"   "5577251"   "5579520"   "5687370"   "5689708"   "5752038"   "5765174"   "5790789"   "5802291"   "5838916"   "5881225"   "5884316"   "5890161"   "5907675"   "5941947"   "5958004"   "5958010"   "6014666"   "6026428"   "6105147"   "6134594").PN 25 5884316.URPN 7 ("4660142"   "5446901"   "5615362"   "5765174"   "5802367"   USPAT 2003/11/20 08:36   2003/11/20 08:41   "5884316"   "5991823").PN.	-	4	((709/203.ccls. and (709/311.ccls. 709/311.ccls. 709/312.ccls. 709/313.ccls. 709/315.ccls. 709/316.ccls. 709/332.ccls. )) and	US-PGPUB;	2003/11/20 08:24
- 33 ("4752928"   "5093914"   "5125091"   "5151987"   "5168441"   USPAT	-	7	((709/203.ccls. and (709/311.ccls. 709/311.ccls. 709/312.ccls. 709/313.ccls. 709/315.ccls. 709/316.ccls. 709/332.ccls. )) and	US-PGPUB;	2003/11/20 08:24
"5687370"   "5689708"   "5752038"   "5765174"   "5790789"   "5802291"   "5838916"   "5881225"   "5884316"   "5890161"   "5907675"   "5941947"   "5958004"   "5958010"   "6014666"   "6026428"   "6105147"   "6134594").PN.  - 25	-	33	("4752928"   "5093914"   "5125091"   "5151987"   "5168441"   "5179702"   "5212793"   "5315703"   "5442791"   "5459837"		2003/11/20 08:28
- 25 5884316.URPN. - 7 ("4660142"   "5446901"   "5615362"   "5765174"   "5802367"   USPAT USPAT 2003/11/20 08:41 2003/11/20 08:41 2003/11/20 08:41			"5687370"   "5689708"   "5752038"   "5765174"   "5790789"   "5802291"   "5838916"   "5881225"   "5884316"   "5890161"   "5907675"   "5941947"   "5958004"   "5958010"   "6014666"		
	•	l _	5884316.URPN. ("4660142"   "5446901"   "5615362"   "5765174"   "5802367"		
20 0001010.014 11	_	25	"5884316"   "5991823").PN. 5884316.URPN.	USPAT	2003/11/20 08:42



74	709/311.ccls. and (709/311.ccls. 709/312.ccls. 709/313.ccls. 709/315.ccls.)	USPAT; US-PGPUB;	2003/11/20 10:06
1063	709/311.ccls. 709/311.ccls. 709/312.ccls. 709/313.ccls. 709/315.ccls.	USPAT; US-PGPUB;	2003/11/20 10:06
957	(709/311.ccls. 709/311.ccls. 709/312.ccls. 709/313.ccls. 709/315.ccls.) and (memory page)	USPAT; US-PGPUB;	2003/11/20 10:07
966	(709/311.ccls. 709/311.ccls. 709/312.ccls. 709/313.ccls. 709/315.ccls.) and (memory page cach\$3)	USPAT; US-PGPUB;	2003/11/20 10:07
981	(709/311.ccis. 709/311.ccis. 709/312.ccis. 709/313.ccis. 709/315.ccis.) and (memory page cach\$3 array)	USPAT; US-PGPUB;	2003/11/20 10:07
425	((709/311.ccls. 709/311.ccls. 709/312.ccls. 709/313.ccls. 709/315.ccls.) and (memory page cach\$3 array)) and point\$3	USPAT; US-PGPUB;	2003/11/20 10:08
249	(((709/311.ccls. 709/311.ccls. 709/312.ccls. 709/313.ccls. 709/315.ccls.) and (memory page cach\$3 array)) and point\$3	USPAT; US-PGPUB;	2003/11/20 10:09
246	((((709/311.ccls. 709/311.ccls. 709/312.ccls. 709/313.ccls. 709/315.ccls.) and (memory page cach\$3 array)) and point\$3	USPAT; US-PGPUB;	2003/11/20 10:09
146	(object\$1 class\$2) (((((709/311.ccls. 709/311.ccls. 709/312.ccls. 709/313.ccls. 709/315.ccls.) and (memory page cach\$3 array)) and point\$3	USPAT; US-PGPUB;	2003/11/20 10:11
2	(object\$1 class\$2)) and database (((709/203.ccls. and 709/201.ccls.) and client\$1server\$1 same object\$1) and session\$1) and (((((709/311.ccls. 709/311.ccls. 709/312.ccls. 709/313.ccls. 709/315.ccls.) and (memory page	USPAT; US-PGPUB; EPO; JPO	2003/11/20 10:10
2	cach\$3 array)) and point\$3 same (allocat\$4 referenc\$3 activat\$3)) and dynamic) and (object\$1 class\$2)) and database) (((709/203.ccls. and 709/201.ccls.) and client\$1server\$1 same object\$1) and session\$1) and ((((709/311.ccls. 709/311.ccls. 709/313.ccls. 709/315.ccls.) and (memory page	USPAT; US-PGPUB;	2003/11/20 10:10
0	cach\$3 array)) and point\$3 same (allocat\$4 referenc\$3 activat\$3)) and dynamic) and (object\$1 class\$2)) ((709/203.ccls. and 709/201.ccls.) and client\$1server\$1 same session\$1) and ((((((709/311.ccls. 709/311.ccls. 709/312.ccls. 709/313.ccls. 709/315.ccls.) and (memory page cach\$3 array))	USPAT; US-PGPUB; EPO; JPO	2003/11/20 10:13
47	and (object\$1 class\$2)) and hash\$3) (((((709/311.ccls. 709/312.ccls. 709/315.ccls.) and (memory page cach\$3 array)) and point\$3 same (allocat\$4 referenc\$3 activat\$3)) and dynamic) and	USPAT; US-PGPUB; EPO; JPO	2003/11/20 10:12
2	(object\$1 class\$2)) and hash\$3 ((709/203.ccls. and 709/201.ccls.) and client\$1server\$1 same session\$1) and (((709/311.ccls. 709/311.ccls. 709/312.ccls.	USPAT; US-PGPUB;	2003/11/20 10:13
2	and point\$3 same (allocat\$4 referenc\$3 activat\$3)) ((709/203.ccls. and 709/201.ccls.) and client\$1server\$1) and (((709/311.ccls. 709/311.ccls. 709/312.ccls. 709/313.ccls. 709/315.ccls.) and (memory page cach\$3 array)) and point\$3	USPAT; US-PGPUB; EPO; JPO	2003/11/20 10:13
3	same (allocat\$4 referenc\$3 activat\$3)) (709/203.ccls. and 709/201.ccls.) and (((709/311.ccls. 709/311.ccls. 709/312.ccls. 709/313.ccls. 709/315.ccls.) and (memory page cach\$3 array)) and point\$3 same (allocat\$4	USPAT; US-PGPUB;	2003/11/20 10:14
8	referenc\$3 activat\$3)) (709/203.ccls. and 709/201.ccls.) and ((709/311.ccls. 709/311.ccls. 709/312.ccls. 709/313.ccls. 709/315.ccls.) and	USPAT; US-PGPUB;	2003/11/20 10:14
30	(memory page cach\$3 array)) 709/203.ccls. and (((709/311.ccls. 709/311.ccls. 709/312.ccls. 709/313.ccls. 709/315.ccls.) and (memory page cach\$3 array)) and point\$3 come (alleget\$4 referenc\$3 activet\$3))	EPO; JPO USPAT; US-PGPUB;	2003/11/20 10:15
	1063 957 966 981 425 249 246 146 2 2 2 2	709/315.ccls.) 1063 709/311.ccls. 709/311.ccls. 709/312.ccls. 709/313.ccls. 709/315.ccls.) 957 (709/311.ccls. 709/311.ccls. 709/312.ccls. 709/313.ccls. 709/315.ccls.) and (memory page) 966 (709/311.ccls. 709/311.ccls. 709/312.ccls. 709/313.ccls. 709/315.ccls.) and (memory page cach\$3) 981 (709/311.ccls. 709/311.ccls. 709/312.ccls. 709/313.ccls. 709/315.ccls.) and (memory page cach\$3 array) 425 ((709/311.ccls. 709/311.ccls. 709/312.ccls. 709/313.ccls. 709/315.ccls.) and (memory page cach\$3 array)) and point\$3 same (allocat\$4 referenc\$3 activat\$3)) and dynamic ((((709/311.ccls. 709/311.ccls. 709/312.ccls. 709/313.ccls. 709/312.ccls. 709/313.ccls. 709/312.ccls. 709/313.ccls. 709/312.ccls. 709/313.ccls. 709/312.ccls. 709/313.ccls. 709/312.ccls. 709/313.ccls. 709/313.ccls. 709/312.ccls. 709/313.ccls. 709/313.ccls. 709/313.ccls. 709/313.ccls. 709/313.ccls. 709/313.ccls. 709/313.ccls. 709/313.ccls. 709/313.ccls. 709/315.ccls.) and (memory page cach\$3 array)) and point\$3 same (allocat\$4 referenc\$3 activat\$3)) and dynamic) and (object\$1 class\$2) (((((709/311.ccls. 709/311.ccls. 709/313.ccls. 709/313.ccls. 709/315.ccls.) and (memory page cach\$3 array)) and point\$3 same (allocat\$4 referenc\$3 activat\$3)) and dynamic) and (object\$1 class\$2)) and database (((((709/203.ccls. and 709/201.ccls.) and client\$1 server\$1 same object\$1) and session\$1 ) and ((((((709/311.ccls. 709/311.ccls. 709/311.ccls. 709/312.ccls. 709/313.ccls. 709/313.ccl	709/315.cds.)  1083 709/311.cds. 709/311.cds. 709/312.cds. 709/313.cds. 709/315.cds.)  957 709/315.cds.) and (memory page)  966 (709/311.cds. 709/311.cds. 709/312.cds. 709/313.cds. 709/315.cds.) and (memory page cach\$3)  9709/315.cds.) and (memory page cach\$3)  981 (709/311.cds. 709/311.cds. 709/312.cds. 709/313.cds. 709/315.cds.) and (memory page cach\$3 array)) and point\$3  982 ((709/311.cds. 709/311.cds. 709/312.cds. 709/313.cds. 709/315.cds.) and (memory page cach\$3 array)) and point\$3  983 ame (allocat\$4 referenc\$3 activat\$3)  294 ((709/311.cds. 709/311.cds. 709/312.cds. 709/313.cds. 709/315.cds.) and (memory page cach\$3 array)) and point\$3  984 ((709/311.cds. 709/311.cds. 709/312.cds. 709/313.cds. 709/315.cds.) and (memory page cach\$3 array)) and point\$3  985 ame (allocat\$4 referenc\$3 activat\$3)) and dynamic (10709/315.cds.) and (memory page cach\$3 array)) and point\$3  986 ((709/303.cds. and 709/201.cds.) and client\$1 server\$1 same object\$1) and session\$1 and (((((709/311.cds. 709/311.cds. 709/311.cds. 709/312.cds. 709/312.cds. 709/312.cds. 709/312.cds. 709/313.cds. 987 ((709/203.cds. and 709/201.cds.) and client\$1 server\$1 same object\$1) and session\$1 and (((((709/311.cds. 709/311.cds. 709/312.cds. 709/312.cds. 709/313.cds. 709

-	1	(709/203.ccls. and (((709/311.ccls. 709/311.ccls. 709/312.ccls.	USPAT;	2003/11/20 10:20
		709/313.ccls. 709/315.ccls.) and (memory page cach\$3 array))	US-PGPUB;	
		and point\$3 same (allocat\$4 referenc\$3 activat\$3))) and hash\$3	EPO; JPO	
-	30	(709/203.ccls. and (((709/311.ccls. 709/311.ccls. 709/312.ccls.	USPAT;	2003/11/20 10:22
		709/313.ccls. 709/315.ccls.) and (memory page cach\$3 array))	US-PGPUB;	
		and point\$3 same (allocat\$4 referenc\$3 activat\$3))) and stor\$3	EPO; JPO	
-	24	((709/203.ccls. and (((709/311.ccls. 709/311.ccls. 709/312.ccls.	USPAT;	2003/11/20 10:23
		709/313.ccls. 709/315.ccls.) and (memory page cach\$3 array))	US-PGPUB;	
		and point\$3 same (allocat\$4 referenc\$3 activat\$3))) and stor\$3)	EPO; JPO	
		and (retriv\$3 load\$3)		
-	11	(((709/203.ccls. and (((709/311.ccls. 709/311.ccls. 709/312.ccls.	USPAT;	2003/11/20 10:57
		709/313.ccls. 709/315.ccls.) and (memory page cach\$3 array))	US-PGPUB;	
		and point\$3 same (allocat\$4 referenc\$3 activat\$3))) and stor\$3)	EPO; JPO	
		and (retriv\$3 load\$3)) and session\$1		
-	0	6253282.URPN.	USPAT	2003/11/20 10:27
-	12	("4897781"   "5287504"   "5287507"   "5423042"   "5452447"	USPAT	2003/11/20 10:27
		"5542078"   "5546583"   "5553282"   "5608909"   "5634122"		
		"5768510"   "5848246").PN.		
<b>-</b> .	0	("22010047436").PN.	USPAT;	2003/11/20 10:58
			US-PGPUB;	
			EPO; JPO	
-	1	("20010047436").PN.	USPAT;	2003/11/20 10:58
			US-PGPUB;	
			EPO; JPO	